



AIR HANDLERS

CB27UH/CBX27UH

ELITE® SERIES

ARI and Expanded Ratings For Residential Air Conditioners

Bulletin No. 210481
November 2006

ARI RATINGS					XC21
¹ ARI Standard 210/240 Ratings					
Cooling Capacity Btuh	Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
	SEER	EER			
XC21-024					2 TON
25,400	19.10	14.70	1730	⁴ CBX27UH-024 (Up-Flow / Horizontal)	Factory TXV
25,600	20.20	14.90	1720	⁴ CBX27UH-030 (Up-Flow / Horizontal)	Factory TXV
XC21-036					3 TON
36,800	18.10	13.40	2745	⁴ CBX27UH-036 (Up-Flow / Horizontal)	² 37L51
38,000	18.90	14.00	2715	⁴ CBX27UH-042 (Up-Flow / Horizontal)	² 37L51
XC21-048					4 TON
49,000	17.30	13.00	3770	⁴ CBX27UH-048 (Up-Flow / Horizontal)	Factory TXV
48,500	17.10	12.90	3760	⁴ CBX27UH-060 (Up-Flow / Horizontal)	Factory TXV
XC21-060					5 TON
58,000	16.20	12.00	4835	⁴ CBX27UH-060 (Up-Flow / Horizontal)	Factory TXV

¹ Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F outdoor air temperature, 80°F db / 67°F wb entering evaporator air with 25 ft. of connecting refrigerant lines.

² Factory installed RFC or expansion valve on indoor unit MUST be replaced with expansion valve kit (ordered separately).

⁴ Blower control must be set for a time-off blower delay.

ARI RATINGS					XC15
¹ ARI Standard 210/240 Ratings					
Cooling Capacity Btuh	Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
	SEER	EER			
XC15-024					2 TON
24,400	16.70	13.70	1780	⁴ CBX27UH-024 (Up-Flow / Horizontal)	Factory TXV
24,600	17.00	14.00	1755	⁴ CBX27UH-030 (Up-Flow / Horizontal)	Factory TXV
XC15-030					2.5 TON
30,400	15.70	13.00	2340	⁴ CBX27UH-030 (Up-Flow / Horizontal)	Factory TXV
30,400	15.70	13.20	2305	⁴ CBX27UH-036 (Up-Flow / Horizontal)	² 37L51
XC15-036					3 TON
35,000	15.20	12.70	2755	⁴ CBX27UH-036 (Up-Flow / Horizontal)	Factory TXV
36,000	16.00	13.00	2770	⁴ CBX27UH-042 (Up-Flow / Horizontal)	Factory TXV
XC15-042					3.5 TON
41,000	14.70	11.70	3505	⁴ CBX27UH-042 (Up-Flow / Horizontal)	Factory TXV
41,000	14.70	11.70	3505	⁴ CBX27UH-048 (Up-Flow / Horizontal)	² 39L72
XC15-048					4 TON
48,000	15.20	12.50	3840	⁴ CBX27UH-048 (Up-Flow / Horizontal)	Factory TXV
47,500	15.20	12.20	3895	⁴ CBX27UH-060 (Up-Flow / Horizontal)	Factory TXV
XC15-060					5 TON
54,500	13.70	11.20	4865	⁴ CBX27UH-060 (Up-Flow / Horizontal)	Factory TXV

¹ Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F outdoor air temperature, 80°F db / 67°F wb entering evaporator air with 25 ft. of connecting refrigerant lines.

² Factory installed RFC or expansion valve on indoor unit MUST be replaced with expansion valve kit (ordered separately).

⁴ Blower control must be set for a time-off blower delay.

NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.

ARI RATINGS
XC16
¹ ARI Standard 210/240 Ratings

Cooling Capacity Btuh	Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
	SEER	EER			
XC16-024					2 TON
25,000	16.00	13.00	1925	⁴ CBX27UH-024 (Up-Flow / Horizontal)	Factory TXV
25,200	16.70	13.20	1910	⁴ CBX27UH-030 (Up-Flow / Horizontal)	Factory TXV
XC16-036					3 TON
34,200	15.70	12.00	2850	⁴ CBX27UH-036 (Up-Flow / Horizontal)	² 39L72
35,200	16.20	12.50	2815	⁴ CBX27UH-042 (Up-Flow / Horizontal)	² 39L72
XC16-048					4 TON
47,000	15.70	12.20	3850	⁴ CBX27UH-048 (Up-Flow / Horizontal)	Factory TXV
46,500	15.50	12.20	3810	⁴ CBX27UH-060 (Up-Flow / Horizontal)	Factory TXV
XC16-060					5 TON
57,500	14.70	11.50	5000	⁴ CBX27UH-060 (Up-Flow / Horizontal)	Factory TXV

¹ Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F outdoor air temperature, 80°F db / 67°F wb entering evaporator air with 25 ft. of connecting refrigerant lines.

² Factory installed RFC or expansion valve on indoor unit MUST be replaced with expansion valve kit (ordered separately).

⁴ Blower control must be set for a time-off blower delay.

ARI RATINGS
XC13
¹ ARI Standard 210/240 Ratings

Cooling Capacity Btuh	Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
	SEER	EER			
XC13-018					1.5 TON
19,400	15.50	12.50	1550	⁴ CBX27UH-018 (Up-Flow / Horizontal)	Factory TXV
19,400	15.50	12.50	1550	⁴ CBX27UH-024 (Up-Flow / Horizontal)	Factory TXV
XC13-024					2 TON
24,400	15.00	12.50	1950	⁴ CBX27UH-024 (Up-Flow / Horizontal)	Factory TXV
24,600	15.50	13.00	1890	⁴ CBX27UH-030 (Up-Flow / Horizontal)	Factory TXV
XC13-030					2.5 TON
29,200	14.50	12.00	2435	⁴ CBX27UH-030 (Up-Flow / Horizontal)	Factory TXV
29,200	14.50	12.50	2335	⁴ CBX27UH-036 (Up-Flow / Horizontal)	² 37L51
XC13-036					3 TON
35,800	14.50	12.00	2985	⁴ CBX27UH-036 (Up-Flow / Horizontal)	Factory TXV
37,000	15.00	12.50	2960	⁴ CBX27UH-042 (Up-Flow / Horizontal)	Factory TXV
XC13-042					3.5 TON
43,000	15.00	12.50	3440	⁴ CBX27UH-042 (Up-Flow / Horizontal)	Factory TXV
43,000	15.00	12.50	3440	⁴ CBX27UH-048 (Up-Flow / Horizontal)	² 39L72
XC13-048					4 TON
47,000	14.00	11.00	4275	⁴ CBX27UH-048 (Up-Flow / Horizontal)	Factory TXV
47,000	14.00	11.50	4085	⁴ CBX27UH-060 (Up-Flow / Horizontal)	Factory TXV
XC13-060					5 TON
58,500	13.50	11.00	5320	⁴ CBX27UH-060 (Up-Flow / Horizontal)	Factory TXV

¹ Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F outdoor air temperature, 80°F db / 67°F wb entering evaporator air with 25 ft. of connecting refrigerant lines.

² Factory installed RFC or expansion valve on indoor unit MUST be replaced with expansion valve kit (ordered separately).

⁴ Blower control must be set for a time-off blower delay.

ARI RATINGS **AC13**

¹ ARI Standard 210/240 Ratings					Indoor Unit Model No.	Expansion Device
Cooling Capacity Btuh	Efficiency		Total Unit Watts			
	SEER	EER				
AC13-018					1.5 TON	
18,900	15.50	13.50	1400	⁴ CB27UH-018 (Up-Flow / Horizontal)	Factory TXV	
19,000	15.50	13.50	1405	⁴ CB27UH-024 (Up-Flow / Horizontal)	Factory TXV	
AC13-024					2 TON	
25,000	15.00	13.00	1925	⁴ CB27UH-024 (Up-Flow / Horizontal)	Factory TXV	
25,200	15.00	13.50	1865	⁴ CB27UH-030 (Up-Flow / Horizontal)	Factory TXV	
AC13-030					2.5 TON	
29,800	15.00	12.50	2385	⁴ CB27UH-030 (Up-Flow / Horizontal)	Factory TXV	
29,800	15.00	13.00	2290	⁴ CB27UH-036 (Up-Flow / Horizontal)	Factory TXV	
AC13-036					3 TON	
34,000	13.50	11.50	2955	⁴ CB27UH-036 (Up-Flow / Horizontal)	Factory TXV	
35,600	14.50	12.00	2965	⁴ CB27UH-042 (Up-Flow / Horizontal)	² 26K34	
AC13-042					3.5 TON	
42,500	14.00	12.00	3540	⁴ CB27UH-042 (Up-Flow / Horizontal)	Factory TXV	
42,500	14.00	12.00	3540	⁴ CB27UH-048 (Up-Flow / Horizontal)	Factory TXV	
AC13-048					4 TON	
46,000	13.50	12.00	3835	⁴ CB27UH-048 (Up-Flow / Horizontal)	Factory TXV	
45,500	13.50	12.00	3790	⁴ CB27UH-060 (Up-Flow / Horizontal)	Factory TXV	
AC13-060					5 TON	
59,000	13.00	11.50	5130	⁴ CB27UH-060 (Up-Flow / Horizontal)	Factory TXV	

¹ Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F outdoor air temperature, 80°F db / 67°F wb entering evaporator air with 25 ft. of connecting refrigerant lines.

² **Factory installed RFC or expansion valve on indoor unit MUST be replaced with expansion valve kit (ordered separately).**

⁴ Blower control must be set for a time-off blower delay.

ARI RATINGS **14ACX**

¹ ARI Standard 210/240 Ratings					Indoor Unit Model No.	Expansion Device
Cooling Capacity Btuh	Efficiency		Total Unit Watts			
	SEER	EER				
14ACX-018					1.5 TON	
19,000	15.00	12.50	1520	⁴ CBX27UH-018 (Up-Flow / Horizontal)	Factory TXV	
19,000	15.00	12.50	1520	⁴ CBX27UH-024 (Up-Flow / Horizontal)	Factory TXV	
14ACX-024					2 TON	
24,400	15.00	12.50	1950	⁴ CBX27UH-024 (Up-Flow / Horizontal)	Factory TXV	
24,600	15.00	12.50	1970	⁴ CBX27UH-030 (Up-Flow / Horizontal)	Factory TXV	
14ACX-030					2.5 TON	
28,400	15.00	12.50	2270	⁴ CBX27UH-030 (Up-Flow / Horizontal)	Factory TXV	
28,400	15.00	12.50	2270	⁴ CBX27UH-036 (Up-Flow / Horizontal)	² 37L51	
14ACX-036					3 TON	
34,000	15.00	12.50	2720	⁴ CBX27UH-036 (Up-Flow / Horizontal)	Factory TXV	
35,000	15.00	12.50	2800	⁴ CBX27UH-042 (Up-Flow / Horizontal)	Factory TXV	
14ACX-042					3.5 TON	
41,500	15.00	12.50	3320	⁴ CBX27UH-042 (Up-Flow / Horizontal)	Factory TXV	
41,500	15.00	12.50	3320	⁴ CBX27UH-048 (Up-Flow / Horizontal)	² 39L72	
14ACX-048					4 TON	
48,500	14.50	12.00	4040	⁴ CBX27UH-048 (Up-Flow / Horizontal)	Factory TXV	
48,000	14.50	12.00	4000	⁴ CBX27UH-060 (Up-Flow / Horizontal)	Factory TXV	
14ACX-060					5 TON	
56,000	14.00	12.00	4665	⁴ CBX27UH-060 (Up-Flow / Horizontal)	Factory TXV	

¹ Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F outdoor air temperature, 80°F db / 67°F wb entering evaporator air with 25 ft. of connecting refrigerant lines.

² **Factory installed RFC or expansion valve on indoor unit MUST be replaced with expansion valve kit (ordered separately).**

⁴ Blower control must be set for a time-off blower delay.

ARI RATINGS
13ACX
¹ ARI Standard 210/240 Ratings

Cooling Capacity Btuh	Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
	SEER	EER			
13ACX-018 1.8 TON					
19,100	14.00	12.00	1590	⁴ CBX27UH-018 (Up-Flow / Horizontal)	Factory TXV
19,200	14.00	12.00	1600	⁴ CBX27UH-024 (Up-Flow / Horizontal)	Factory TXV
13ACX-024 2 TON					
24,200	14.00	12.00	2015	⁴ CBX27UH-024 (Up-Flow / Horizontal)	Factory TXV
24,200	14.00	12.00	2015	⁴ CBX27UH-030 (Up-Flow / Horizontal)	Factory TXV
13ACX-030 2.5 TON					
29,800	14.00	12.00	2485	⁴ CBX27UH-030 (Up-Flow / Horizontal)	Factory TXV
29,800	14.00	12.00	2485	⁴ CBX27UH-036 (Up-Flow / Horizontal)	² 37L51
13ACX-036 3 TON					
35,600	14.00	12.00	2965	⁴ CBX27UH-036 (Up-Flow / Horizontal)	Factory TXV
36,600	14.00	12.00	3050	⁴ CBX27UH-042 (Up-Flow / Horizontal)	Factory TXV
13ACX-042 3.5 TON					
41,500	14.00	11.50	3610	⁴ CBX27UH-042 (Up-Flow / Horizontal)	Factory TXV
41,000	14.00	11.50	3565	⁴ CBX27UH-048 (Up-Flow / Horizontal)	² 39L72
13ACX-048 4 TON					
47,500	14.00	11.50	4130	⁴ CBX27UH-048 (Up-Flow / Horizontal)	Factory TXV
47,500	14.00	11.50	4130	⁴ CBX27UH-060 (Up-Flow / Horizontal)	Factory TXV
13ACX-060 5 TON					
59,000	13.50	11.00	5365	⁴ CBX27UH-060 (Up-Flow / Horizontal)	Factory TXV

¹ Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F outdoor air temperature, 80°F db / 67°F wb entering evaporator air with 25 ft. of connecting refrigerant lines.

² Factory installed RFC or expansion valve on indoor unit MUST be replaced with expansion valve kit (ordered separately).

⁴ Blower control must be set for a time-off blower delay.

ARI RATINGS
13ACD
¹ ARI Standard 210/240 Ratings

Cooling Capacity Btuh	Efficiency		Total Unit Watts	Indoor Unit Model No.	Expansion Device
	SEER	EER			
13ACD-018 1.5 TON					
18,900	14.00	12.00	1575	⁴ CB27UH-018 (Up-Flow / Horizontal)	Factory TXV
19,000	14.00	12.00	1585	⁴ CB27UH-024 (Up-Flow / Horizontal)	Factory TXV
13ACD-024 2 TON					
25,000	14.00	12.00	2085	⁴ CB27UH-024 (Up-Flow / Horizontal)	Factory TXV
25,200	14.00	12.00	2100	⁴ CB27UH-030 (Up-Flow / Horizontal)	Factory TXV
13ACD-030 2.5 TON					
29,800	14.00	12.00	2485	⁴ CB27UH-030 (Up-Flow / Horizontal)	Factory TXV
29,800	14.00	12.00	2485	⁴ CB27UH-036 (Up-Flow / Horizontal)	Factory TXV
13ACD-036 3 TON					
34,000	13.50	11.50	2955	⁴ CB27UH-036 (Up-Flow / Horizontal)	² 26K34
35,600	14.00	12.00	2965	⁴ CB27UH-042 (Up-Flow / Horizontal)	Factory TXV
13ACD-042 3.5 TON					
42,500	14.00	12.00	3540	⁴ CB27UH-042 (Up-Flow / Horizontal)	Factory TXV
42,500	14.00	12.00	3540	⁴ CB27UH-048 (Up-Flow / Horizontal)	Factory TXV
13ACD-048 4 TON					
46,000	13.50	12.00	3835	⁴ CB27UH-048 (Up-Flow / Horizontal)	Factory TXV
45,500	13.50	12.00	3790	⁴ CB27UH-060 (Up-Flow / Horizontal)	Factory TXV
13ACD-060 5 TON					
59,000	13.00	11.50	5130	⁴ CB27UH-060 (Up-Flow / Horizontal)	Factory TXV

¹ Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F outdoor air temperature, 80°F db / 67°F wb entering evaporator air with 25 ft. of connecting refrigerant lines.

² Factory installed RFC or expansion valve on indoor unit MUST be replaced with expansion valve kit (ordered separately).

⁴ Blower control must be set for a time-off blower delay.

EXPANDED RATING TABLES

XC21

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section. Expanded rating tables are sorted by smallest to largest indoor unit model no.

FIRST STAGE COOLING CAPACITY - XC21-024 with

[CBX27UH-024]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	560	265	19.9	5.8	.76	.75	.89	1.00	19.0	5.6	.91	.77	.91	1.00	18.1	5.3	1.08	.79	.94	1.00	17.0	5.0	1.28	.81	.97	1.00
	600	285	20.2	5.9	.76	.77	.91	1.00	19.4	5.7	.91	.79	.94	1.00	18.4	5.4	1.08	.80	.96	1.00	17.3	5.1	1.28	.83	.99	1.00
67°F (19°C)	560	265	21.2	6.2	.77	.59	.73	.85	20.4	6.0	.92	.60	.74	.87	19.3	5.7	1.08	.61	.76	.90	18.2	5.3	1.28	.63	.78	.93
	600	285	21.6	6.3	.77	.60	.74	.87	20.6	6.0	.92	.61	.76	.90	19.6	5.7	1.09	.62	.78	.92	18.5	5.4	1.28	.64	.80	.95
71°F (22°C)	560	265	22.6	6.6	.77	.45	.59	.70	21.6	6.3	.92	.46	.59	.71	20.6	6.0	1.09	.46	.60	.73	19.4	5.7	1.28	.47	.61	.75
	600	285	23.0	6.7	.78	.46	.61	.72	22.0	6.4	.93	.46	.60	.73	20.8	6.1	1.09	.46	.61	.75	19.7	5.8	1.28	.47	.62	.77

SECOND STAGE COOLING CAPACITY - XC21-024 with

[CBX27UH-024]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	24.0	7.0	1.29	.72	.85	.97	22.8	6.7	1.49	.73	.86	.99	21.6	6.3	1.73	.75	.89	1.00	20.2	5.9	2.00	.77	.92	1.00
	800	380	25.6	7.5	1.29	.78	.93	1.00	24.4	7.2	1.51	.80	.96	1.00	23.0	6.7	1.74	.82	.98	1.00	21.6	6.3	2.01	.85	1.00	1.00
67°F (19°C)	600	285	25.4	7.4	1.30	.58	.70	.81	24.2	7.1	1.50	.58	.71	.83	23.0	6.7	1.74	.59	.72	.85	21.6	6.3	2.01	.60	.74	.88
	800	380	27.2	8.0	1.31	.61	.76	.90	25.8	7.6	1.52	.62	.78	.92	24.4	7.2	1.75	.64	.80	.95	22.8	6.7	2.02	.65	.82	.98
71°F (22°C)	600	285	26.8	7.9	1.30	.45	.56	.67	25.6	7.5	1.51	.45	.57	.68	24.2	7.1	1.75	.45	.58	.70	22.8	6.7	2.02	.46	.59	.72
	800	380	28.6	8.4	1.32	.46	.60	.73	27.2	8.0	1.53	.46	.61	.75	25.8	7.6	1.76	.47	.62	.77	24.2	7.1	2.03	.48	.64	.80

FIRST STAGE COOLING CAPACITY - XC21-024 with

[CBX27UH-030]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	725	340	21.4	6.3	.77	.82	.98	1.00	20.4	6.0	.92	.83	.99	1.00	19.4	5.7	1.08	.86	1.00	1.00	18.4	5.4	1.28	.89	1.00	1.00
	800	380	21.8	6.4	.77	.84	1.00	1.00	21.0	6.2	.92	.86	1.00	1.00	20.0	5.9	1.09	.89	1.00	1.00	19.0	5.6	1.28	.92	1.00	1.00
67°F (19°C)	725	340	22.6	6.6	.78	.63	.79	.94	21.6	6.3	.92	.64	.81	.96	20.6	6.0	1.09	.66	.83	.99	19.3	5.7	1.28	.68	.86	1.00
	800	380	23.0	6.7	.78	.65	.81	.97	22.0	6.4	.93	.66	.84	.99	20.8	6.1	1.09	.67	.86	1.00	19.6	5.7	1.28	.69	.89	1.00
71°F (22°C)	725	340	24.0	7.0	.79	.47	.62	.76	23.0	6.7	.93	.47	.63	.78	21.8	6.4	1.09	.48	.64	.80	20.6	6.0	1.29	.48	.66	.83
	800	380	24.4	7.2	.80	.47	.63	.77	23.4	6.9	.94	.48	.65	.81	22.2	6.5	1.10	.49	.66	.84	21.0	6.2	1.29	.49	.69	.86

SECOND STAGE COOLING CAPACITY - XC21-024 with

[CBX27UH-030]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	725	340	25.2	7.4	1.29	.76	.90	1.00	24.0	7.0	1.50	.78	.93	1.00	22.6	6.6	1.74	.80	.95	1.00	21.2	6.2	2.01	.82	.98	1.00
	800	380	25.8	7.6	1.30	.78	.93	1.00	24.4	7.2	1.51	.80	.96	1.00	23.2	6.8	1.74	.82	.98	1.00	21.8	6.4	2.01	.85	1.00	1.00
	1000	470	27.0	7.9	1.31	.84	1.00	1.00	25.8	7.6	1.52	.86	1.00	1.00	24.4	7.2	1.75	.89	1.00	1.00	23.0	6.7	2.02	.92	1.00	1.00
67°F (19°C)	725	340	26.6	7.8	1.30	.60	.74	.87	25.4	7.4	1.51	.61	.75	.89	24.0	7.0	1.75	.62	.77	.92	22.6	6.6	2.02	.63	.80	.95
	800	380	27.2	8.0	1.31	.61	.76	.90	26.0	7.6	1.52	.62	.78	.92	24.4	7.2	1.75	.64	.80	.95	23.0	6.7	2.02	.65	.82	.98
	1000	470	28.4	8.3	1.32	.65	.82	.98	26.8	7.9	1.53	.66	.84	1.00	25.4	7.4	1.76	.68	.87	1.00	23.8	7.0	2.02	.70	.91	1.00
71°F (22°C)	725	340	28.2	8.3	1.31	.45	.58	.71	26.8	7.9	1.53	.46	.59	.73	25.4	7.4	1.76	.46	.61	.75	23.8	7.0	2.03	.47	.62	.77
	800	380	28.6	8.4	1.32	.46	.60	.74	27.4	8.0	1.53	.46	.61	.75	25.8	7.6	1.76	.47	.63	.77	24.2	7.1	2.03	.48	.64	.80
	1000	470	29.8	8.7	1.33	.48	.64	.80	28.4	8.3	1.54	.48	.65	.82	26.8	7.9	1.77	.49	.67	.85	25.2	7.4	2.04	.50	.69	.88

EXPANDED RATING TABLES

XC21

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

FIRST STAGE COOLING CAPACITY - XC21-048 with

[CBX27UH-048]

Table with columns: Entering Wet Bulb Temperature, Total Air Volume, Outdoor Air Temperature Entering Outdoor Coil (75°F, 85°F, 95°F, 105°F), Total Cooling Capacity, Comp Motor kW Input, Sensible To Total Ratio (S/T) Dry Bulb.

SECOND STAGE COOLING CAPACITY - XC21-048 with

[CBX27UH-048]

Table with columns: Entering Wet Bulb Temperature, Total Air Volume, Outdoor Air Temperature Entering Outdoor Coil (85°F, 95°F, 105°F, 115°F), Total Cooling Capacity, Comp Motor kW Input, Sensible To Total Ratio (S/T) Dry Bulb.

FIRST STAGE COOLING CAPACITY - XC21-048 with

[CBX27UH-060]

Table with columns: Entering Wet Bulb Temperature, Total Air Volume, Outdoor Air Temperature Entering Outdoor Coil (75°F, 85°F, 95°F, 105°F), Total Cooling Capacity, Comp Motor kW Input, Sensible To Total Ratio (S/T) Dry Bulb.

SECOND STAGE COOLING CAPACITY - XC21-048 with

[CBX27UH-060]

Table with columns: Entering Wet Bulb Temperature, Total Air Volume, Outdoor Air Temperature Entering Outdoor Coil (85°F, 95°F, 105°F, 115°F), Total Cooling Capacity, Comp Motor kW Input, Sensible To Total Ratio (S/T) Dry Bulb.

EXPANDED RATING TABLES

XC21

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

FIRST STAGE COOLING CAPACITY - XC21-060 with

[CBX27UH-060]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1260	595	43.5	12.7	2.03	.75	.87	.99	42.0	12.3	2.37	.76	.89	1.00	40.0	11.7	2.76	.77	.91	1.00	38.0	11.1	3.22	.79	.94	1.00
	1560	735	45.0	13.2	2.04	.79	.92	1.00	44.0	12.9	2.36	.80	.95	1.00	42.0	12.3	2.75	.82	.98	1.00	40.5	11.9	3.19	.84	1.00	1.00
67°F (19°C)	1260	595	46.5	13.6	2.02	.60	.72	.84	44.5	13.0	2.36	.61	.74	.86	42.5	12.5	2.74	.62	.75	.88	40.5	11.9	3.19	.62	.77	.91
	1560	735	48.5	14.2	2.01	.62	.76	.90	46.5	13.6	2.34	.63	.78	.92	44.5	13.0	2.73	.64	.80	.95	42.5	12.5	3.17	.66	.82	.97
71°F (22°C)	1260	595	49.0	14.4	2.00	.45	.58	.70	47.0	13.8	2.34	.46	.59	.71	45.0	13.2	2.72	.46	.60	.73	43.0	12.6	3.17	.47	.61	.74
	1560	735	51.5	15.1	2.00	.46	.61	.74	49.5	14.5	2.33	.47	.62	.76	47.0	13.8	2.71	.48	.63	.77	45.0	13.2	3.15	.48	.64	.80

SECOND STAGE COOLING CAPACITY - XC21-060 with

[CBX27UH-060]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1600	755	57.0	16.7	3.59	.73	.86	.97	54.5	16.0	4.04	.75	.87	.99	52.0	15.2	4.54	.76	.90	1.00	49.0	14.4	5.10	.78	.93	1.00
	1800	850	58.5	17.1	3.61	.75	.88	1.00	56.0	16.4	4.05	.77	.91	1.00	53.5	15.7	4.56	.78	.93	1.00	50.5	14.8	5.12	.81	.96	1.00
	2000	945	60.0	17.6	3.62	.77	.91	1.00	57.5	16.9	4.07	.79	.94	1.00	54.5	16.0	4.57	.81	.96	1.00	51.5	15.1	5.15	.83	.98	1.00
67°F (19°C)	1600	755	60.5	17.7	3.63	.59	.71	.82	58.0	17.0	4.08	.60	.72	.84	55.0	16.1	4.58	.61	.74	.87	52.0	15.2	5.15	.62	.76	.89
	1800	850	62.0	18.2	3.65	.60	.73	.85	59.5	17.4	4.09	.61	.74	.87	56.5	16.6	4.60	.62	.76	.90	53.0	15.5	5.17	.64	.78	.93
	2000	945	63.5	18.6	3.66	.61	.75	.88	60.5	17.7	4.12	.62	.77	.90	57.5	16.9	4.62	.64	.79	.93	54.0	15.8	5.19	.65	.81	.96
71°F (22°C)	1600	755	63.5	18.6	3.67	.46	.58	.69	61.0	17.9	4.12	.46	.59	.70	58.0	17.0	4.63	.46	.59	.72	54.5	16.0	5.18	.47	.61	.74
	1800	850	65.0	19.0	3.68	.46	.59	.71	62.5	18.3	4.14	.46	.60	.72	59.5	17.4	4.65	.47	.61	.74	56.0	16.4	5.21	.47	.62	.76
	2000	945	67.0	19.6	3.71	.46	.60	.73	63.5	18.6	4.15	.47	.61	.74	60.5	17.7	4.67	.47	.62	.76	57.0	16.7	5.23	.48	.64	.79

EXPANDED RATING TABLES

XC15

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
	Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb				
																									75°F 24°C	80°F 27°C
cfm	L/s	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	kBtuh	kW	

COOLING CAPACITY - XC15-048 with [CBX27UH-060]

63°F (17°C)	1260	595	45.5	13.3	2.81	.72	.84	.95	43.5	12.7	3.20	.74	.86	.97	41.5	12.2	3.63	.75	.88	.99	39.5	11.6	4.15	.77	.90	1.00
	1600	755	48.0	14.1	2.80	.76	.90	1.00	46.0	13.5	3.20	.78	.92	1.00	44.0	12.9	3.65	.80	.95	1.00	41.5	12.2	4.16	.82	.97	1.00
67°F (19°C)	1260	595	48.0	14.1	2.80	.59	.70	.81	46.0	13.5	3.21	.59	.71	.83	44.0	12.9	3.63	.60	.73	.85	41.5	12.2	4.15	.61	.74	.87
	1600	755	51.0	14.9	2.80	.61	.74	.87	48.5	14.2	3.20	.62	.76	.89	46.0	13.5	3.65	.63	.77	.92	43.5	12.7	4.15	.64	.80	.94
71°F (22°C)	1260	595	50.5	14.8	2.80	.45	.57	.68	48.5	14.2	3.20	.45	.58	.69	46.0	13.5	3.66	.46	.59	.70	44.0	12.9	4.15	.46	.60	.72
	1600	755	53.5	15.7	2.79	.46	.60	.72	51.0	14.9	3.21	.46	.61	.74	48.5	14.2	3.66	.47	.62	.75	46.0	13.5	4.16	.48	.63	.77

COOLING CAPACITY - XC15-060 with [CBX27UH-060]

63°F (17°C)	1600	755	54.5	16.0	3.52	.74	.86	.98	52.0	15.2	4.01	.75	.88	.99	49.0	14.4	4.57	.77	.90	1.00	46.0	13.5	5.25	.79	.94	1.00
	1800	850	55.5	16.3	3.54	.76	.89	1.00	53.0	15.5	4.01	.77	.91	1.00	50.5	14.8	4.60	.79	.94	1.00	47.5	13.9	5.26	.81	.97	1.00
	2000	945	57.0	16.7	3.55	.78	.92	1.00	54.0	15.8	4.04	.79	.94	1.00	51.5	15.1	4.61	.81	.97	1.00	48.5	14.2	5.27	.84	.99	1.00
67°F (19°C)	1600	755	57.0	16.7	3.56	.60	.72	.83	54.5	16.0	4.05	.60	.73	.85	51.5	15.1	4.61	.61	.75	.87	48.5	14.2	5.27	.62	.77	.90
	1800	850	58.5	17.1	3.57	.61	.74	.86	56.0	16.4	4.06	.62	.75	.88	53.0	15.5	4.63	.63	.77	.91	49.5	14.5	5.29	.64	.79	.94
	2000	945	60.0	17.6	3.59	.62	.76	.89	57.0	16.7	4.07	.63	.77	.91	54.0	15.8	4.64	.64	.79	.94	50.5	14.8	5.31	.66	.82	.97
71°F (22°C)	1600	755	60.0	17.6	3.59	.46	.58	.70	57.0	16.7	4.08	.46	.59	.71	54.0	15.8	4.64	.46	.60	.73	50.5	14.8	5.30	.47	.61	.75
	1800	850	61.5	18.0	3.61	.46	.59	.72	58.5	17.1	4.10	.47	.60	.73	55.5	16.3	4.65	.47	.62	.75	52.0	15.2	5.33	.47	.63	.77
	2000	945	62.5	18.3	3.62	.46	.61	.74	59.5	17.4	4.10	.47	.62	.75	56.5	16.6	4.66	.48	.63	.77	52.5	15.4	5.34	.49	.65	.80

EXPANDED RATING TABLES

XC16

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

FIRST STAGE COOLING CAPACITY - XC16-024 with

[CBX27UH-024]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	560	265	19.7	5.8	.81	.76	.90	1.00	18.8	5.5	.96	.78	.92	1.00	17.8	5.2	1.14	.79	.95	1.00	16.7	4.9	1.34	.81	.98	1.00
	600	285	20.0	5.9	.81	.78	.92	1.00	19.1	5.6	.96	.79	.95	1.00	18.0	5.3	1.14	.81	.97	1.00	17.0	5.0	1.34	.83	1.00	1.00
67°F (19°C)	560	265	21.0	6.2	.82	.60	.74	.86	20.0	5.9	.97	.61	.75	.89	18.9	5.5	1.14	.62	.77	.91	17.8	5.2	1.35	.63	.79	.94
	600	285	21.2	6.2	.82	.61	.75	.89	20.2	5.9	.97	.62	.77	.91	19.2	5.6	1.15	.63	.79	.93	18.0	5.3	1.35	.64	.81	.97
71°F (22°C)	560	265	22.2	6.5	.83	.46	.59	.71	21.2	6.2	.98	.46	.59	.73	20.0	5.9	1.15	.46	.61	.74	18.9	5.5	1.36	.47	.62	.76
	600	285	22.6	6.6	.83	.46	.59	.72	21.6	6.3	.98	.46	.60	.74	20.4	6.0	1.16	.47	.62	.76	19.1	5.6	1.36	.47	.63	.78

SECOND STAGE COOLING CAPACITY - XC16-024 with

[CBX27UH-024]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	600	285	23.8	7.0	1.40	.73	.86	.98	22.6	6.6	1.60	.74	.88	1.00	21.4	6.3	1.81	.76	.90	1.00	20.0	5.9	2.06	.78	.94	1.00
	800	380	25.4	7.4	1.42	.79	.95	1.00	24.0	7.0	1.61	.81	.97	1.00	22.6	6.6	1.83	.84	.99	1.00	21.2	6.2	2.08	.87	1.00	1.00
67°F (19°C)	600	285	25.2	7.4	1.42	.58	.71	.83	24.0	7.0	1.61	.59	.72	.85	22.6	6.6	1.83	.60	.74	.87	21.2	6.2	2.07	.61	.76	.90
	800	380	26.8	7.9	1.43	.62	.77	.92	25.4	7.4	1.63	.63	.79	.94	23.8	7.0	1.84	.65	.81	.97	22.2	6.5	2.09	.66	.84	1.00
71°F (22°C)	600	285	26.4	7.7	1.43	.45	.57	.68	25.2	7.4	1.63	.45	.57	.70	23.8	7.0	1.84	.45	.58	.71	22.2	6.5	2.09	.46	.60	.74
	800	380	28.2	8.3	1.45	.47	.61	.75	26.6	7.8	1.64	.47	.62	.77	25.2	7.4	1.86	.47	.64	.79	23.4	6.9	2.11	.48	.65	.82

FIRST STAGE COOLING CAPACITY - XC16-024 with

[CBX27UH-030]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	725	340	21.0	6.2	.82	.82	.98	1.00	20.0	5.9	.97	.84	1.00	1.00	19.1	5.6	1.14	.87	1.00	1.00	18.1	5.3	1.35	.90	1.00	1.00
	800	380	21.6	6.3	.83	.85	1.00	1.00	20.6	6.0	.98	.87	1.00	1.00	19.7	5.8	1.15	.90	1.00	1.00	18.6	5.5	1.35	.93	1.00	1.00
67°F (19°C)	725	340	22.2	6.5	.83	.64	.80	.95	21.2	6.2	.98	.65	.82	.97	20.0	5.9	1.15	.66	.84	1.00	18.8	5.5	1.35	.68	.87	1.00
	800	380	22.6	6.6	.83	.66	.83	.98	21.6	6.3	.98	.68	.85	1.00	20.4	6.0	1.15	.69	.87	1.00	19.1	5.6	1.36	.70	.91	1.00
71°F (22°C)	725	340	23.6	6.9	.84	.47	.62	.77	22.4	6.6	.99	.47	.63	.79	21.2	6.2	1.16	.48	.65	.82	20.0	5.9	1.36	.49	.67	.84
	800	380	24.0	7.0	.84	.48	.64	.80	23.0	6.7	.99	.48	.66	.82	21.6	6.3	1.16	.49	.67	.85	20.2	5.9	1.37	.49	.69	.88

SECOND STAGE COOLING CAPACITY - XC16-024 with

[CBX27UH-030]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	725	340	25.0	7.3	1.41	.77	.92	1.00	23.8	7.0	1.61	.79	.94	1.00	22.4	6.6	1.83	.81	.97	1.00	20.8	6.1	2.07	.83	1.00	1.00
	800	380	25.4	7.4	1.42	.80	.95	1.00	24.2	7.1	1.61	.81	.97	1.00	22.8	6.7	1.83	.84	1.00	1.00	21.4	6.3	2.08	.87	1.00	1.00
	1000	470	26.6	7.8	1.43	.85	1.00	1.00	25.4	7.4	1.63	.88	1.00	1.00	24.0	7.0	1.85	.91	1.00	1.00	22.6	6.6	2.10	.95	1.00	1.00
67°F (19°C)	725	340	26.4	7.7	1.43	.61	.75	.88	25.0	7.3	1.62	.62	.77	.91	23.6	6.9	1.84	.63	.79	.94	22.0	6.4	2.09	.64	.81	.97
	800	380	26.8	7.9	1.44	.62	.77	.92	25.4	7.4	1.63	.63	.79	.95	24.0	7.0	1.85	.65	.82	.97	22.4	6.6	2.09	.67	.84	1.00
	1000	470	27.8	8.1	1.45	.66	.84	.99	26.4	7.7	1.64	.67	.86	1.00	24.8	7.3	1.86	.70	.89	1.00	23.0	6.7	2.10	.71	.93	1.00
71°F (22°C)	725	340	27.8	8.1	1.44	.46	.59	.72	26.4	7.7	1.64	.46	.60	.74	24.8	7.3	1.86	.47	.62	.77	23.2	6.8	2.10	.47	.63	.79
	800	380	28.2	8.3	1.45	.46	.61	.75	26.8	7.9	1.65	.47	.62	.77	25.2	7.4	1.86	.48	.64	.79	23.6	6.9	2.11	.48	.65	.82
	1000	470	29.4	8.6	1.46	.48	.65	.82	27.8	8.1	1.66	.49	.66	.84	26.2	7.7	1.87	.50	.69	.87	24.2	7.1	2.12	.50	.71	.91

EXPANDED RATING TABLES

XC16

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

FIRST STAGE COOLING CAPACITY - XC16-036 with

[CBX27UH-036]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	840	395	26.4	7.7	1.18	.77	.92	1.00	25.2	7.4	1.37	.79	.95	1.00	24.0	7.0	1.59	.81	.97	1.00	22.6	6.6	1.85	.84	1.00	1.00
	1000	470	27.6	8.1	1.19	.82	.98	1.00	26.2	7.7	1.38	.84	.99	1.00	25.0	7.3	1.60	.85	1.00	1.00	23.8	7.0	1.86	.89	1.00	1.00
67°F (19°C)	840	395	28.2	8.3	1.19	.61	.75	.89	26.8	7.9	1.38	.62	.77	.91	25.4	7.4	1.60	.63	.79	.94	24.0	7.0	1.86	.65	.81	.97
	1000	470	29.2	8.6	1.20	.64	.79	.95	27.8	8.1	1.39	.65	.81	.97	26.2	7.7	1.61	.66	.83	.99	24.6	7.2	1.87	.68	.86	1.00
71°F (22°C)	840	395	29.8	8.7	1.20	.46	.60	.73	28.4	8.3	1.39	.46	.60	.74	27.0	7.9	1.62	.47	.62	.76	25.4	7.4	1.87	.47	.63	.78
	1000	470	30.8	9.0	1.21	.47	.62	.77	29.4	8.6	1.40	.47	.63	.79	28.0	8.2	1.62	.48	.65	.81	26.2	7.7	1.88	.49	.66	.84

SECOND STAGE COOLING CAPACITY - XC16-036 with

[CBX27UH-036]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	33.6	9.8	2.08	.75	.89	1.00	32.0	9.4	2.35	.77	.91	1.00	30.2	8.9	2.65	.79	.94	1.00	28.4	8.3	3.00	.81	.97	1.00
	1200	565	35.0	10.3	2.10	.79	.95	1.00	33.2	9.7	2.36	.81	.97	1.00	31.4	9.2	2.67	.84	.99	1.00	29.4	8.6	3.01	.86	1.00	1.00
67°F (19°C)	1000	470	35.6	10.4	2.10	.60	.73	.86	33.8	9.9	2.37	.60	.74	.88	32.0	9.4	2.68	.62	.76	.91	30.0	8.8	3.02	.63	.79	.94
	1200	565	36.8	10.8	2.12	.62	.77	.92	35.0	10.3	2.39	.63	.79	.94	33.0	9.7	2.69	.65	.81	.97	30.8	9.0	3.03	.66	.84	.99
71°F (22°C)	1000	470	37.2	10.9	2.12	.45	.58	.71	35.4	10.4	2.40	.46	.59	.72	33.6	9.8	2.70	.46	.60	.74	31.6	9.3	3.05	.47	.62	.77
	1200	565	38.5	11.3	2.14	.47	.61	.75	36.6	10.7	2.41	.47	.62	.77	34.8	10.2	2.72	.48	.64	.79	32.4	9.5	3.06	.48	.65	.82

FIRST STAGE COOLING CAPACITY - XC16-036 with

[CBX27UH-042]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	28.0	8.2	1.19	.82	.98	1.00	26.8	7.9	1.38	.84	1.00	1.00	25.6	7.5	1.60	.87	1.00	1.00	24.4	7.2	1.86	.89	1.00	1.00
	1200	565	29.6	8.7	1.20	.88	1.00	1.00	28.4	8.3	1.39	.90	1.00	1.00	27.0	7.9	1.61	.93	1.00	1.00	25.6	7.5	1.87	.96	1.00	1.00
67°F (19°C)	1000	470	29.8	8.7	1.20	.63	.79	.95	28.4	8.3	1.39	.64	.81	.97	26.8	7.9	1.61	.66	.84	1.00	25.2	7.4	1.87	.68	.87	1.00
	1200	565	30.8	9.0	1.21	.67	.85	1.00	29.2	8.6	1.40	.68	.88	1.00	27.6	8.1	1.62	.71	.90	1.00	26.0	7.6	1.88	.72	.93	1.00
71°F (22°C)	1000	470	31.6	9.3	1.22	.47	.62	.76	30.0	8.8	1.41	.47	.63	.79	28.4	8.3	1.62	.48	.64	.81	26.8	7.9	1.88	.49	.67	.85
	1200	565	32.6	9.6	1.23	.48	.65	.83	31.0	9.1	1.41	.49	.67	.85	29.4	8.6	1.63	.50	.69	.88	27.6	8.1	1.89	.50	.71	.91

SECOND STAGE COOLING CAPACITY - XC16-036 with

[CBX27UH-042]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	34.6	10.1	2.09	.75	.89	1.00	32.8	9.6	2.36	.77	.92	1.00	31.0	9.1	2.66	.79	.94	1.00	29.2	8.6	3.01	.81	.97	1.00
	1200	565	35.8	10.5	2.11	.80	.95	1.00	34.0	10.0	2.38	.81	.98	1.00	32.2	9.4	2.68	.84	1.00	1.00	30.4	8.9	3.03	.87	1.00	1.00
	1400	660	36.8	10.8	2.12	.84	1.00	1.00	35.2	10.3	2.39	.86	1.00	1.00	33.4	9.8	2.70	.89	1.00	1.00	31.6	9.3	3.05	.92	1.00	1.00
67°F (19°C)	1000	470	36.4	10.7	2.11	.60	.73	.86	34.8	10.2	2.39	.60	.75	.88	32.8	9.6	2.69	.62	.76	.91	30.8	9.0	3.04	.63	.79	.94
	1200	565	37.8	11.1	2.13	.62	.77	.92	35.8	10.5	2.40	.63	.79	.95	33.8	9.9	2.70	.64	.81	.97	31.6	9.3	3.05	.66	.84	1.00
	1400	660	38.5	11.3	2.14	.64	.82	.97	36.6	10.7	2.41	.66	.84	1.00	34.6	10.1	2.72	.68	.87	1.00	32.2	9.4	3.06	.70	.90	1.00
71°F (22°C)	1000	470	38.0	11.1	2.14	.45	.58	.70	36.4	10.7	2.41	.45	.59	.72	34.6	10.1	2.71	.46	.60	.74	32.4	9.5	3.06	.46	.62	.77
	1200	565	39.5	11.6	2.15	.46	.61	.75	37.6	11.0	2.42	.47	.62	.77	35.6	10.4	2.73	.47	.63	.79	33.2	9.7	3.07	.48	.65	.82
	1400	660	40.5	11.9	2.17	.48	.63	.80	38.5	11.3	2.44	.48	.65	.82	36.4	10.7	2.74	.49	.67	.85	34.0	10.0	3.09	.50	.69	.88

EXPANDED RATING TABLES

XC16

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

FIRST STAGE COOLING CAPACITY - XC16-048 with

[CBX27UH-048]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1120	530	37.2	10.9	1.67	.77	.92	1.00	35.4	10.4	1.93	.79	.94	1.00	33.8	9.9	2.24	.81	.97	1.00	32.0	9.4	2.58	.83	.99	1.00
	1400	660	39.0	11.4	1.66	.83	.99	1.00	37.4	11.0	1.92	.85	1.00	1.00	35.8	10.5	2.22	.87	1.00	1.00	34.0	10.0	2.55	.90	1.00	1.00
67°F (19°C)	1120	530	39.5	11.6	1.66	.61	.75	.88	37.8	11.1	1.92	.61	.76	.90	36.0	10.6	2.21	.62	.78	.93	34.0	10.0	2.56	.64	.80	.96
	1400	660	41.5	12.2	1.65	.64	.80	.96	39.5	11.6	1.91	.65	.82	.98	37.4	11.0	2.20	.66	.84	1.00	35.4	10.4	2.54	.68	.87	1.00
71°F (22°C)	1120	530	42.0	12.3	1.65	.45	.59	.72	40.0	11.7	1.91	.46	.60	.73	38.0	11.1	2.19	.46	.61	.75	36.0	10.6	2.53	.47	.62	.77
	1400	660	44.0	12.9	1.64	.47	.63	.78	42.0	12.3	1.90	.47	.64	.80	40.0	11.7	2.18	.48	.65	.81	37.6	11.0	2.52	.49	.67	.84

SECOND STAGE COOLING CAPACITY - XC16-048 with

[CBX27UH-048]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	46.5	13.6	2.75	.76	.90	1.00	44.5	13.0	3.07	.77	.92	1.00	42.0	12.3	3.43	.79	.95	1.00	39.5	11.6	3.84	.82	.98	1.00
	1600	755	48.0	14.1	2.76	.79	.94	1.00	45.5	13.3	3.09	.81	.96	1.00	43.0	12.6	3.45	.83	.99	1.00	40.5	11.9	3.85	.86	1.00	1.00
67°F (19°C)	1400	660	49.0	14.4	2.78	.60	.73	.87	47.0	13.8	3.10	.61	.75	.89	44.5	13.0	3.46	.62	.77	.91	41.5	12.2	3.87	.63	.79	.95
	1600	755	50.5	14.8	2.79	.62	.76	.91	48.5	14.2	3.11	.63	.78	.93	45.5	13.3	3.47	.64	.80	.96	42.5	12.5	3.89	.66	.83	.99
71°F (22°C)	1400	660	52.0	15.2	2.81	.45	.59	.71	49.5	14.5	3.13	.45	.59	.72	47.0	13.8	3.49	.46	.61	.74	44.0	12.9	3.90	.47	.62	.77
	1600	755	53.5	15.7	2.82	.46	.60	.74	51.0	14.9	3.14	.47	.61	.76	48.0	14.1	3.50	.47	.63	.78	45.0	13.2	3.91	.48	.65	.81

FIRST STAGE COOLING CAPACITY - XC16-048 with

[CBX27UH-060]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1260	595	44.5	13.0	2.73	.73	.86	.97	42.5	12.5	3.05	.75	.88	.99	40.5	11.9	3.41	.76	.90	1.00	38.0	11.1	3.83	.78	.93	1.00
	1600	755	47.0	13.8	2.76	.78	.92	1.00	45.0	13.2	3.08	.79	.94	1.00	42.5	12.5	3.44	.81	.97	1.00	40.0	11.7	3.85	.84	.99	1.00
67°F (19°C)	1260	595	47.0	13.8	2.76	.59	.71	.83	45.0	13.2	3.08	.60	.72	.84	42.5	12.5	3.44	.61	.74	.87	40.0	11.7	3.85	.62	.76	.89
	1600	755	49.5	14.5	2.78	.62	.75	.89	47.5	13.9	3.10	.63	.77	.91	45.0	13.2	3.47	.64	.79	.94	42.0	12.3	3.88	.65	.82	.97
71°F (22°C)	1260	595	49.5	14.5	2.78	.45	.58	.69	47.5	13.9	3.10	.46	.58	.70	45.0	13.2	3.46	.46	.59	.72	42.5	12.5	3.87	.46	.61	.74
	1600	755	52.0	15.2	2.81	.46	.60	.73	50.0	14.7	3.13	.47	.62	.75	47.5	13.9	3.49	.48	.63	.77	44.5	13.0	3.90	.48	.64	.79

SECOND STAGE COOLING CAPACITY - XC16-048 with

[CBX27UH-060]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1260	595	44.5	13.0	2.73	.73	.86	.97	42.5	12.5	3.05	.75	.88	.99	40.5	11.9	3.41	.76	.90	1.00	38.0	11.1	3.83	.78	.93	1.00
	1600	755	47.0	13.8	2.76	.78	.92	1.00	45.0	13.2	3.08	.79	.94	1.00	42.5	12.5	3.44	.81	.97	1.00	40.0	11.7	3.85	.84	.99	1.00
	1800	850	48.0	14.1	2.77	.80	.95	1.00	46.0	13.5	3.09	.82	.97	1.00	44.0	12.9	3.45	.84	1.00	1.00	41.5	12.2	3.87	.87	1.00	1.00
67°F (19°C)	1260	595	47.0	13.8	2.76	.59	.71	.83	45.0	13.2	3.08	.60	.72	.84	42.5	12.5	3.44	.61	.74	.87	40.0	11.7	3.85	.62	.76	.89
	1600	755	49.5	14.5	2.78	.62	.75	.89	47.5	13.9	3.10	.63	.77	.91	45.0	13.2	3.47	.64	.79	.94	42.0	12.3	3.88	.65	.82	.97
	1800	850	50.5	14.8	2.80	.63	.78	.92	48.5	14.2	3.11	.64	.80	.95	46.0	13.5	3.48	.66	.82	.97	43.0	12.6	3.88	.67	.85	1.00
71°F (22°C)	1260	595	49.5	14.5	2.78	.45	.58	.69	47.5	13.9	3.10	.46	.58	.70	45.0	13.2	3.46	.46	.59	.72	42.5	12.5	3.87	.46	.61	.74
	1600	755	52.0	15.2	2.81	.46	.60	.73	50.0	14.7	3.13	.47	.62	.75	47.5	13.9	3.49	.48	.63	.77	44.5	13.0	3.90	.48	.64	.79
	1800	850	53.5	15.7	2.82	.47	.62	.76	51.0	14.9	3.14	.47	.63	.78	48.5	14.2	3.50	.49	.65	.80	45.5	13.3	3.92	.49	.66	.83

EXPANDED RATING TABLES

XC16

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

FIRST STAGE COOLING CAPACITY - XC16-060 with

[CBX27UH-060]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			75°F (24°C)						85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1260	595	42.5	12.5	2.15	.75	.88	.99	41.0	12.0	2.52	.76	.90	1.00	39.0	11.4	2.93	.78	.92	1.00	37.2	10.9	3.41	.79	.94	1.00
1560	735	44.5	13.0	2.14	.79	.94	1.00	43.0	12.6	2.51	.81	.96	1.00	41.0	12.0	2.91	.82	.98	1.00	39.5	11.6	3.38	.85	1.00	1.00	
67°F (19°C)	1260	595	45.0	13.2	2.14	.60	.73	.84	43.5	12.7	2.50	.61	.74	.86	41.5	12.2	2.91	.62	.75	.88	39.5	11.6	3.37	.63	.77	.91
1560	735	47.5	13.9	2.13	.62	.77	.90	45.5	13.3	2.49	.63	.78	.92	43.5	12.7	2.89	.64	.80	.95	41.5	12.2	3.36	.66	.82	.97	
71°F (22°C)	1260	595	47.5	13.9	2.12	.46	.59	.70	46.0	13.5	2.48	.46	.59	.71	44.0	12.9	2.88	.46	.60	.73	42.0	12.3	3.35	.47	.61	.74
1560	735	50.0	14.7	2.12	.47	.61	.74	48.0	14.1	2.47	.47	.62	.76	46.0	13.5	2.87	.48	.63	.78	44.0	12.9	3.33	.48	.65	.80	

SECOND STAGE COOLING CAPACITY - XC16-060 with

[CBX27UH-060]

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1600	755	56.0	16.4	3.66	.74	.86	.97	53.5	15.7	4.14	.75	.88	.99	51.0	14.9	4.70	.76	.90	1.00	48.0	14.1	5.34	.78	.93	1.00
1800	850	57.5	16.9	3.67	.75	.89	1.00	55.0	16.1	4.16	.77	.91	1.00	52.5	15.4	4.70	.79	.93	1.00	49.5	14.5	5.36	.81	.96	1.00	
2000	945	59.0	17.3	3.69	.77	.92	1.00	56.5	16.6	4.17	.79	.94	1.00	54.0	15.8	4.73	.81	.96	1.00	51.0	14.9	5.37	.83	.99	1.00	
67°F (19°C)	1600	755	59.5	17.4	3.69	.59	.71	.83	57.0	16.7	4.18	.60	.72	.84	54.0	15.8	4.74	.61	.74	.87	51.0	14.9	5.37	.62	.76	.89
1800	850	61.0	17.9	3.71	.60	.73	.85	58.5	17.1	4.19	.61	.75	.87	55.5	16.3	4.75	.62	.76	.90	52.5	15.4	5.40	.63	.78	.93	
2000	945	62.5	18.3	3.73	.62	.75	.88	59.5	17.4	4.21	.63	.77	.91	57.0	16.7	4.77	.64	.79	.93	53.5	15.7	5.40	.65	.81	.96	
71°F (22°C)	1600	755	62.5	18.3	3.73	.45	.58	.69	60.0	17.6	4.22	.46	.58	.70	57.0	16.7	4.77	.46	.59	.72	54.0	15.8	5.42	.46	.60	.73
1800	850	64.0	18.8	3.75	.46	.59	.71	61.5	18.0	4.24	.46	.60	.72	58.5	17.1	4.78	.47	.61	.74	55.5	16.3	5.44	.47	.62	.76	
2000	945	66.0	19.3	3.77	.47	.60	.73	63.0	18.5	4.26	.47	.61	.74	60.0	17.6	4.81	.47	.62	.76	56.5	16.6	5.47	.48	.64	.79	

EXPANDED RATING TABLES

XC13

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C

COOLING CAPACITY - XC13-042 with [CBX27UH-042]

63°F (17°C)	1200	565	42.5	12.5	2.47	.76	.91	1.00	40.5	11.9	2.81	.78	.93	1.00	38.0	11.1	3.20	.80	.96	1.00	35.8	10.5	3.65	.82	.98	1.00
	1400	660	44.0	12.9	2.50	.80	.96	1.00	42.0	12.3	2.83	.82	.98	1.00	39.5	11.6	3.22	.84	1.00	1.00	37.0	10.8	3.69	.87	1.00	1.00
67°F (19°C)	1200	565	45.0	13.2	2.51	.60	.74	.87	43.0	12.6	2.85	.61	.75	.90	40.5	11.9	3.25	.62	.78	.93	37.6	11.0	3.71	.64	.80	.96
	1400	660	46.5	13.6	2.54	.62	.78	.93	44.0	12.9	2.87	.63	.80	.95	41.5	12.2	3.27	.65	.82	.98	38.5	11.3	3.73	.67	.85	1.00
71°F (22°C)	1200	565	47.5	13.9	2.55	.45	.59	.71	45.0	13.2	2.89	.46	.60	.73	42.5	12.5	3.30	.46	.61	.75	39.5	11.6	3.77	.47	.63	.78
	1400	660	48.5	14.2	2.58	.46	.61	.75	46.5	13.6	2.92	.47	.62	.77	43.5	12.7	3.33	.48	.64	.80	40.5	11.9	3.80	.48	.66	.83

COOLING CAPACITY - XC13-042 with [CBX27UH-048]

63°F (17°C)	1120	530	42.0	12.3	2.46	.75	.88	1.00	40.0	11.7	2.80	.76	.91	1.00	37.6	11.0	3.18	.78	.93	1.00	35.2	10.3	3.64	.80	.97	1.00
	1400	660	44.0	12.9	2.50	.80	.96	1.00	42.0	12.3	2.83	.82	.98	1.00	39.5	11.6	3.22	.84	1.00	1.00	37.0	10.8	3.69	.87	1.00	1.00
67°F (19°C)	1120	530	44.5	13.0	2.50	.59	.72	.85	42.0	12.3	2.84	.60	.74	.87	40.0	11.7	3.23	.61	.76	.90	37.2	10.9	3.70	.63	.78	.93
	1400	660	46.5	13.6	2.54	.62	.78	.93	44.0	12.9	2.87	.63	.80	.95	41.5	12.2	3.27	.65	.82	.98	38.5	11.3	3.73	.67	.85	1.00
71°F (22°C)	1120	530	46.5	13.6	2.54	.45	.58	.70	44.5	13.0	2.88	.45	.59	.71	42.0	12.3	3.28	.46	.60	.73	39.0	11.4	3.75	.46	.62	.76
	1400	660	48.5	14.2	2.58	.46	.61	.75	46.5	13.6	2.92	.47	.62	.77	43.5	12.7	3.33	.48	.64	.80	40.5	11.9	3.80	.48	.66	.83

COOLING CAPACITY - XC13-048 with [CBX27UH-048]

63°F (17°C)	1400	660	47.5	13.9	3.04	.76	.91	1.00	45.0	13.2	3.44	.78	.93	1.00	42.5	12.5	3.88	.80	.96	1.00	40.0	11.7	4.38	.83	.99	1.00
	1600	755	48.5	14.2	3.05	.80	.95	1.00	46.0	13.5	3.45	.82	.98	1.00	43.5	12.7	3.90	.84	1.00	1.00	41.0	12.0	4.40	.87	1.00	1.00
67°F (19°C)	1400	660	50.0	14.7	3.06	.60	.74	.88	47.5	13.9	3.47	.61	.76	.90	45.0	13.2	3.91	.63	.78	.93	42.0	12.3	4.42	.64	.81	.96
	1600	755	51.5	15.1	3.07	.62	.77	.92	48.5	14.2	3.48	.63	.79	.95	46.0	13.5	3.93	.65	.82	.98	42.5	12.5	4.43	.67	.85	1.00
71°F (22°C)	1400	660	52.5	15.4	3.08	.46	.59	.72	50.0	14.7	3.50	.46	.60	.74	47.0	13.8	3.95	.46	.61	.76	44.0	12.9	4.45	.47	.63	.79
	1600	755	54.0	15.8	3.10	.46	.61	.75	51.0	14.9	3.51	.47	.62	.77	48.0	14.1	3.96	.48	.64	.80	45.0	13.2	4.46	.48	.66	.83

COOLING CAPACITY - XC13-048 with [CBX27UH-060]

63°F (17°C)	1260	595	45.5	13.3	3.02	.74	.86	.98	43.5	12.7	3.42	.75	.88	1.00	41.0	12.0	3.86	.77	.91	1.00	38.5	11.3	4.37	.79	.94	1.00
	1600	755	48.0	14.1	3.05	.78	.93	1.00	45.5	13.3	3.45	.80	.95	1.00	43.5	12.7	3.89	.82	.98	1.00	40.5	11.9	4.39	.85	1.00	1.00
67°F (19°C)	1260	595	48.0	14.1	3.05	.60	.72	.83	46.0	13.5	3.44	.60	.73	.85	43.5	12.7	3.89	.61	.75	.88	41.0	12.0	4.40	.63	.77	.91
	1600	755	50.5	14.8	3.07	.62	.76	.90	48.0	14.1	3.47	.63	.78	.93	45.5	13.3	3.92	.65	.80	.95	42.5	12.5	4.42	.66	.83	.99
71°F (22°C)	1260	595	50.5	14.8	3.07	.46	.58	.70	48.0	14.1	3.47	.46	.59	.71	45.5	13.3	3.92	.46	.60	.73	42.5	12.5	4.43	.47	.61	.75
	1600	755	53.0	15.5	3.09	.46	.61	.74	50.5	14.8	3.50	.47	.62	.76	47.5	13.9	3.95	.47	.64	.78	44.5	13.0	4.46	.48	.65	.81

COOLING CAPACITY - XC13-060 with [CBX27UH-060]

63°F (17°C)	1600	755	58.0	17.0	3.75	.74	.86	.97	55.0	16.1	4.25	.75	.88	.99	52.0	15.2	4.81	.77	.90	1.00	49.0	14.4	5.47	.79	.94	1.00
	1800	850	59.5	17.4	3.77	.76	.89	1.00	56.5	16.6	4.26	.77	.91	1.00	53.5	15.7	4.83	.79	.94	1.00	50.0	14.7	5.49	.82	.97	1.00
	2000	945	60.5	17.7	3.79	.78	.92	1.00	57.5	16.9	4.28	.79	.94	1.00	54.5	16.0	4.85	.81	.97	1.00	51.0	14.9	5.50	.84	1.00	1.00
67°F (19°C)	1600	755	61.0	17.9	3.79	.59	.71	.83	58.0	17.0	4.29	.60	.73	.85	55.0	16.1	4.85	.61	.74	.87	51.5	15.1	5.50	.62	.77	.91
	1800	850	62.5	18.3	3.81	.60	.73	.86	59.5	17.4	4.31	.61	.75	.88	56.0	16.4	4.87	.62	.77	.91	52.5	15.4	5.52	.64	.79	.94
	2000	945	64.0	18.8	3.83	.62	.75	.89	60.5	17.7	4.32	.63	.77	.91	57.5	16.9	4.89	.64	.79	.94	53.5	15.7	5.54	.66	.82	.97
71°F (22°C)	1600	755	64.0	18.8	3.83	.46	.58	.69	61.0	17.9	4.32	.46	.58	.71	57.5	16.9	4.89	.46	.59	.72	54.0	15.8	5.54	.47	.61	.75
	1800	850	66.0	19.3	3.85	.46	.59	.71	62.5	18.3	4.34	.46	.60	.73	59.0	17.3	4.91	.46	.61	.75	55.0	16.1	5.56	.48	.63	.77
	2000	945	67.0	19.6	3.87	.46	.61	.73	63.5	18.6	4.36	.47	.62	.75	60.0	17.6	4.93	.47	.63	.77	56.0	16.4	5.58	.48	.65	.80

EXPANDED RATING TABLES

AC13

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - AC13-042 with																					[CB27UH-048]					
63°F (17°C)	1120	530	40.5	11.9	2.59	.74	.88	1.00	39.0	11.4	2.92	.75	.89	1.00	37.4	11.0	3.30	.77	.92	1.00	35.6	10.4	3.74	.78	.94	1.00
	1400	660	42.5	12.5	2.61	.79	.95	1.00	41.0	12.0	2.94	.81	.97	1.00	39.5	11.6	3.31	.82	.99	1.00	37.4	11.0	3.76	.85	1.00	1.00
67°F (19°C)	1120	530	43.0	12.6	2.62	.59	.72	.84	41.5	12.2	2.94	.60	.73	.86	40.0	11.7	3.32	.60	.74	.88	38.0	11.1	3.76	.61	.76	.90
	1400	660	45.0	13.2	2.64	.62	.77	.92	43.5	12.7	2.97	.63	.78	.94	41.5	12.2	3.34	.64	.80	.96	39.5	11.6	3.77	.65	.82	.98
71°F (22°C)	1120	530	45.5	13.3	2.64	.45	.57	.69	44.0	12.9	2.97	.45	.58	.70	42.0	12.3	3.34	.45	.59	.72	40.0	11.7	3.78	.46	.60	.73
	1400	660	47.5	13.9	2.67	.46	.61	.74	45.5	13.3	2.99	.46	.61	.76	44.0	12.9	3.37	.47	.62	.78	42.0	12.3	3.80	.47	.64	.80
COOLING CAPACITY - AC13-048 with																					[CB27UH-048]					
63°F (17°C)	1400	660	45.0	13.2	2.68	.76	.90	1.00	43.5	12.7	3.02	.77	.92	1.00	41.5	12.2	3.41	.79	.94	1.00	39.5	11.6	3.86	.81	.97	1.00
	1600	755	46.5	13.6	2.69	.79	.95	1.00	44.5	13.0	3.03	.81	.97	1.00	43.0	12.6	3.42	.82	.99	1.00	41.0	12.0	3.86	.84	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.70	.60	.74	.87	46.0	13.5	3.04	.61	.75	.89	44.5	13.0	3.43	.62	.76	.91	42.0	12.3	3.87	.62	.78	.93
	1600	755	49.0	14.4	2.71	.62	.77	.92	47.5	13.9	3.05	.63	.78	.94	45.5	13.3	3.44	.64	.80	.96	43.5	12.7	3.88	.65	.82	.98
71°F (22°C)	1400	660	50.5	14.8	2.72	.45	.59	.71	48.5	14.2	3.06	.46	.59	.73	46.5	13.6	3.45	.46	.60	.74	44.5	13.0	3.90	.46	.61	.76
	1600	755	51.5	15.1	2.73	.46	.61	.75	50.0	14.7	3.07	.46	.61	.76	48.0	14.1	3.45	.47	.62	.78	46.0	13.5	3.90	.47	.64	.79
COOLING CAPACITY - AC13-048 with																					[CB27UH-060]					
63°F (17°C)	1260	595	43.0	12.6	2.66	.73	.85	.97	41.5	12.2	3.01	.74	.87	.98	40.0	11.7	3.40	.75	.89	1.00	38.0	11.1	3.85	.77	.91	1.00
	1600	755	45.0	13.2	2.68	.77	.92	1.00	44.0	12.9	3.02	.79	.93	1.00	42.0	12.3	3.41	.80	.95	1.00	40.5	11.9	3.86	.82	.97	1.00
67°F (19°C)	1260	595	45.5	13.3	2.68	.59	.71	.82	44.0	12.9	3.02	.60	.72	.84	42.5	12.5	3.41	.60	.73	.85	40.5	11.9	3.86	.61	.74	.87
	1600	755	48.0	14.1	2.70	.61	.75	.88	46.0	13.5	3.04	.62	.76	.90	44.5	13.0	3.43	.63	.78	.92	42.5	12.5	3.88	.64	.80	.95
71°F (22°C)	1260	595	48.0	14.1	2.70	.45	.58	.69	46.0	13.5	3.04	.45	.58	.70	44.5	13.0	3.43	.46	.59	.71	42.5	12.5	3.87	.46	.60	.72
	1600	755	50.5	14.8	2.72	.46	.60	.73	48.5	14.2	3.06	.47	.61	.74	47.0	13.8	3.45	.47	.62	.76	45.0	13.2	3.89	.48	.63	.78
COOLING CAPACITY - AC13-060 with																					[CB27UH-060]					
63°F (17°C)	1600	755	57.0	16.7	3.71	.73	.85	.97	55.5	16.3	4.16	.74	.87	.98	53.0	15.5	4.67	.75	.89	1.00	50.5	14.8	5.28	.77	.91	1.00
	1800	850	58.5	17.1	3.73	.75	.88	.99	56.5	16.6	4.17	.76	.90	1.00	54.5	16.0	4.69	.78	.92	1.00	52.0	15.2	5.31	.79	.94	1.00
	2000	945	60.0	17.6	3.75	.77	.91	1.00	58.0	17.0	4.19	.78	.93	1.00	55.5	16.3	4.71	.80	.95	1.00	53.0	15.5	5.33	.82	.97	1.00
67°F (19°C)	1600	755	60.5	17.7	3.75	.59	.71	.82	58.5	17.1	4.20	.60	.72	.84	56.0	16.4	4.71	.60	.73	.85	53.5	15.7	5.32	.61	.75	.88
	1800	850	62.0	18.2	3.77	.60	.73	.85	60.0	17.6	4.22	.61	.74	.87	57.5	16.9	4.74	.62	.75	.89	55.0	16.1	5.35	.63	.77	.91
	2000	945	63.5	18.6	3.79	.61	.75	.88	61.0	17.9	4.24	.62	.76	.90	59.0	17.3	4.75	.63	.78	.92	56.0	16.4	5.37	.64	.79	.94
71°F (22°C)	1600	755	63.5	18.6	3.79	.46	.58	.69	61.5	18.0	4.24	.46	.58	.70	59.0	17.3	4.76	.45	.59	.71	56.5	16.6	5.37	.46	.60	.72
	1800	850	65.0	19.0	3.81	.45	.59	.71	63.0	18.5	4.26	.47	.60	.72	60.5	17.7	4.78	.47	.60	.73	58.0	17.0	5.39	.47	.61	.75
	2000	945	66.0	19.3	3.83	.47	.60	.73	64.0	18.8	4.28	.46	.61	.74	62.0	18.2	4.80	.47	.62	.75	59.0	17.3	5.40	.48	.63	.77

EXPANDED RATING TABLES

14ACX

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)						
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	
COOLING CAPACITY - 14ACX-042 with [CBX27UH-048]																											
63°F (17°C)	1120	530	40.5	11.9	2.29	.75	.89	1.00	38.5	11.3	2.60	.76	.91	1.00	36.6	10.7	2.96	.78	.93	1.00	34.4	10.1	3.35	.80	.96	1.00	
1400	660	42.5	12.5	2.30	.80	.96	1.00	40.5	11.9	2.61	.82	.98	1.00	38.5	11.3	2.97	.84	1.00	1.00	36.2	10.6	3.36	.87	1.00	1.00		
67°F (19°C)	1120	530	43.0	12.6	2.31	.59	.72	.85	41.0	12.0	2.62	.60	.74	.87	38.5	11.3	2.97	.61	.76	.90	36.4	10.7	3.37	.63	.78	.93	
1400	660	45.0	13.2	2.32	.62	.78	.93	42.5	12.5	2.63	.64	.80	.95	40.0	11.7	2.98	.65	.82	.98	37.6	11.0	3.38	.67	.85	1.00		
71°F (22°C)	1120	530	45.0	13.2	2.32	.45	.58	.70	43.0	12.6	2.63	.45	.59	.71	41.0	12.0	2.99	.46	.60	.73	38.5	11.3	3.39	.46	.61	.76	
1400	660	47.0	13.8	2.33	.46	.61	.75	45.0	13.2	2.64	.47	.62	.77	42.5	12.5	3.00	.48	.64	.80	40.0	11.7	3.40	.48	.66	.82		
COOLING CAPACITY - 14ACX-048 with [CBX27UH-048]																											
63°F (17°C)	1400	660	48.0	14.1	2.78	.76	.90	1.00	45.5	13.3	3.16	.77	.92	1.00	43.0	12.6	3.57	.79	.95	1.00	40.5	11.9	4.04	.81	.97	1.00	
1600	755	49.0	14.4	2.79	.78	.94	1.00	47.0	13.8	3.17	.80	.96	1.00	44.5	13.0	3.58	.83	.98	1.00	41.5	12.2	4.05	.85	1.00	1.00		
67°F (19°C)	1400	660	50.5	14.8	2.79	.60	.73	.86	48.0	14.1	3.18	.61	.75	.89	45.5	13.3	3.60	.62	.77	.91	43.0	12.6	4.06	.63	.79	.95	
1600	755	52.0	15.2	2.79	.62	.76	.91	49.5	14.5	3.19	.63	.78	.93	47.0	13.8	3.61	.64	.80	.96	44.0	12.9	4.07	.66	.83	.99		
71°F (22°C)	1400	660	53.5	15.7	2.79	.45	.58	.71	51.0	14.9	3.19	.46	.59	.73	48.0	14.1	3.62	.46	.61	.74	45.0	13.2	4.08	.47	.62	.77	
1600	755	55.0	16.1	2.79	.46	.60	.74	52.0	15.2	3.20	.47	.62	.76	49.0	14.4	3.62	.47	.63	.78	46.0	13.5	4.09	.48	.65	.81		
COOLING CAPACITY - 14ACX-048 with [CBX27UH-060]																											
63°F (17°C)	1260	595	46.5	13.6	2.78	.73	.86	.97	44.5	13.0	3.16	.75	.88	.99	42.5	12.5	3.57	.76	.90	1.00	40.0	11.7	4.03	.78	.93	1.00	
1600	755	49.0	14.4	2.78	.78	.92	1.00	47.0	13.8	3.17	.80	.95	1.00	44.5	13.0	3.59	.82	.97	1.00	42.0	12.3	4.05	.84	1.00	1.00		
67°F (19°C)	1260	595	49.0	14.4	2.78	.59	.71	.83	47.0	13.8	3.17	.60	.72	.84	44.5	13.0	3.59	.61	.74	.87	42.0	12.3	4.05	.62	.76	.90	
1600	755	51.5	15.1	2.79	.62	.76	.89	49.5	14.5	3.18	.63	.77	.92	46.5	13.6	3.60	.64	.79	.95	44.0	12.9	4.07	.65	.82	.97		
71°F (22°C)	1260	595	51.5	15.1	2.79	.45	.57	.69	49.0	14.4	3.18	.46	.58	.70	46.5	13.6	3.60	.46	.59	.72	44.0	12.9	4.07	.46	.60	.74	
1600	755	54.0	15.8	2.79	.46	.61	.73	51.5	15.1	3.19	.47	.62	.75	49.0	14.4	3.62	.47	.63	.77	46.0	13.5	4.09	.48	.64	.80		
COOLING CAPACITY - 14ACX-060 with [CBX27UH-060]																											
63°F (17°C)	1600	755	56.5	16.6	3.35	.74	.87	.99	54.0	15.8	3.78	.76	.89	1.00	51.0	14.9	4.28	.77	.92	1.00	48.0	14.1	4.84	.79	.95	1.00	
1800	850	57.5	16.9	3.36	.76	.90	1.00	55.0	16.1	3.80	.78	.93	1.00	52.5	15.4	4.29	.80	.95	1.00	49.5	14.5	4.85	.82	.98	1.00		
2000	945	59.0	17.3	3.37	.79	.93	1.00	56.5	16.6	3.81	.80	.96	1.00	53.5	15.7	4.30	.82	.98	1.00	50.5	14.8	4.87	.85	1.00	1.00		
67°F (19°C)	1600	755	59.0	17.3	3.38	.59	.72	.84	56.5	16.6	3.81	.60	.73	.86	53.5	15.7	4.30	.61	.75	.88	50.5	14.8	4.87	.62	.77	.91	
1800	850	60.5	17.7	3.39	.61	.74	.87	58.0	17.0	3.83	.62	.76	.89	55.0	16.1	4.32	.63	.78	.92	51.5	15.1	4.88	.64	.80	.95		
2000	945	61.5	18.0	3.41	.62	.76	.90	59.0	17.3	3.84	.63	.78	.93	56.0	16.4	4.33	.64	.80	.96	52.5	15.4	4.89	.66	.83	.98		
71°F (22°C)	1600	755	62.0	18.2	3.41	.46	.58	.70	59.0	17.3	3.84	.46	.59	.71	56.0	16.4	4.33	.46	.60	.73	53.0	15.5	4.90	.46	.61	.75	
1800	850	63.5	18.6	3.42	.46	.60	.72	60.5	17.7	3.86	.46	.60	.74	57.5	16.9	4.35	.47	.62	.76	54.0	15.8	4.91	.48	.63	.78		
2000	945	64.5	18.9	3.44	.47	.61	.74	61.5	18.0	3.87	.47	.62	.76	58.5	17.1	4.37	.48	.63	.78	55.0	16.1	4.92	.48	.65	.81		

EXPANDED RATING TABLES

13ACX

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																								
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)						
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	
COOLING CAPACITY - 13ACX-042 with [CBX27UH-048]																											
63°F (17°C)	1120	530	40.0	11.7	2.51	.73	.87	.99	38.5	11.3	2.85	.75	.89	1.00	36.4	10.7	3.25	.76	.91	1.00	34.2	10.0	3.73	.78	.94	1.00	
	1400	660	42.0	12.3	2.53	.78	.94	1.00	40.0	11.7	2.88	.80	.96	1.00	38.0	11.1	3.29	.82	.98	1.00	36.0	10.6	3.77	.84	1.00	1.00	
67°F (19°C)	1120	530	42.5	12.5	2.54	.59	.71	.83	40.5	11.9	2.89	.59	.72	.85	38.5	11.3	3.29	.60	.74	.88	36.4	10.7	3.78	.61	.76	.90	
	1400	660	44.5	13.0	2.57	.61	.76	.90	42.5	12.5	2.92	.62	.78	.93	40.0	11.7	3.33	.64	.80	.95	37.8	11.1	3.82	.65	.82	.98	
71°F (22°C)	1120	530	44.5	13.0	2.58	.44	.57	.69	42.5	12.5	2.93	.45	.58	.70	40.5	11.9	3.33	.45	.59	.72	38.0	11.1	3.82	.46	.60	.74	
	1400	660	46.5	13.6	2.61	.46	.60	.73	44.5	13.0	2.97	.46	.61	.75	42.5	12.5	3.38	.47	.62	.77	40.0	11.7	3.87	.47	.64	.80	
COOLING CAPACITY - 13ACX-048 with [CBX27UH-048]																											
63°F (17°C)	1400	660	47.5	13.9	2.93	.75	.89	1.00	45.5	13.3	3.33	.76	.91	1.00	43.0	12.6	3.78	.78	.93	1.00	40.5	11.9	4.28	.80	.95	1.00	
	1600	755	49.0	14.4	2.94	.78	.93	1.00	46.5	13.6	3.34	.79	.95	1.00	44.5	13.0	3.79	.81	.97	1.00	42.0	12.3	4.29	.83	.99	1.00	
67°F (19°C)	1400	660	50.0	14.7	2.94	.60	.73	.86	48.0	14.1	3.35	.60	.74	.88	45.5	13.3	3.80	.61	.76	.90	42.5	12.5	4.30	.63	.78	.92	
	1600	755	51.5	15.1	2.95	.61	.76	.90	49.0	14.4	3.36	.62	.77	.92	46.5	13.6	3.80	.63	.79	.94	43.5	12.7	4.31	.64	.81	.97	
71°F (22°C)	1400	660	53.0	15.5	2.96	.45	.58	.70	50.0	14.7	3.37	.46	.59	.72	47.5	13.9	3.82	.46	.60	.74	45.0	13.2	4.32	.47	.61	.76	
	1600	755	54.0	15.8	2.96	.46	.60	.73	51.5	15.1	3.38	.46	.61	.75	48.5	14.2	3.82	.47	.62	.77	45.5	13.3	4.33	.48	.64	.79	
COOLING CAPACITY - 13ACX-048 with [CBX27UH-060]																											
63°F (17°C)	1260	595	46.0	13.5	2.93	.73	.85	.96	44.0	12.9	3.32	.74	.86	.98	41.5	12.2	3.76	.75	.88	1.00	39.5	11.6	4.26	.77	.91	1.00	
	1600	755	48.0	14.1	2.94	.77	.90	1.00	46.0	13.5	3.34	.78	.93	1.00	44.0	12.9	3.78	.80	.95	1.00	41.5	12.2	4.29	.82	.97	1.00	
67°F (19°C)	1260	595	48.0	14.1	2.94	.59	.70	.81	46.0	13.5	3.34	.60	.72	.83	44.0	12.9	3.78	.61	.73	.85	41.5	12.2	4.28	.62	.75	.88	
	1600	755	51.0	14.9	2.95	.61	.75	.88	48.5	14.2	3.36	.62	.76	.90	46.0	13.5	3.81	.63	.78	.92	43.5	12.7	4.31	.64	.80	.95	
71°F (22°C)	1260	595	50.5	14.8	2.95	.45	.57	.68	48.5	14.2	3.35	.46	.58	.70	46.0	13.5	3.80	.45	.59	.71	43.5	12.7	4.31	.46	.60	.73	
	1600	755	53.5	15.7	2.96	.46	.60	.73	51.0	14.9	3.38	.47	.61	.74	48.0	14.1	3.82	.47	.62	.76	45.5	13.3	4.33	.48	.63	.78	
COOLING CAPACITY - 13ACX-060 with [CBX27UH-060]																											
63°F (17°C)	1600	755	58.5	17.1	3.76	.73	.85	.96	56.0	16.4	4.25	.74	.86	.98	53.0	15.5	4.80	.75	.89	1.00	50.0	14.7	5.45	.77	.91	1.00	
	1800	850	60.0	17.6	3.78	.75	.87	.99	57.5	16.9	4.27	.76	.89	1.00	54.5	16.0	4.83	.78	.92	1.00	51.5	15.1	5.48	.80	.95	1.00	
	2000	945	61.0	17.9	3.80	.76	.90	1.00	58.5	17.1	4.28	.78	.93	1.00	55.5	16.3	4.84	.80	.95	1.00	52.5	15.4	5.49	.82	.97	1.00	
67°F (19°C)	1600	755	61.5	18.0	3.80	.59	.71	.82	59.0	17.3	4.29	.59	.72	.83	56.0	16.4	4.84	.60	.73	.85	53.0	15.5	5.49	.61	.75	.88	
	1800	850	63.0	18.5	3.82	.60	.72	.84	60.5	17.7	4.30	.61	.74	.86	57.5	16.9	4.86	.62	.75	.89	54.0	15.8	5.51	.63	.78	.92	
	2000	945	64.5	18.9	3.83	.61	.74	.87	61.5	18.0	4.32	.62	.76	.89	58.5	17.1	4.88	.63	.78	.92	55.0	16.1	5.52	.64	.80	.95	
71°F (22°C)	1600	755	64.5	18.9	3.83	.45	.57	.68	61.5	18.0	4.33	.46	.58	.69	59.0	17.3	4.88	.46	.59	.71	55.5	16.3	5.53	.46	.60	.73	
	1800	850	66.0	19.3	3.86	.46	.59	.70	63.5	18.6	4.35	.46	.59	.72	60.0	17.6	4.90	.46	.60	.73	57.0	16.7	5.54	.47	.62	.75	
	2000	945	68.0	19.9	3.87	.46	.60	.72	64.5	18.9	4.36	.47	.61	.74	61.5	18.0	4.91	.47	.62	.76	58.0	17.0	5.56	.48	.63	.78	

EXPANDED RATING TABLES

13ACD

NOTES: For Temperatures and Capacities not shown in tables, see bulletin - Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.
Expanded rating tables are sorted by smallest to largest indoor unit model no.

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Outdoor Coil																							
			85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb			Total Cooling Capacity		Comp Motor kW Input	Sensible To Total Ratio (S/T) Dry Bulb		
			kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW		75°F 24°C	80°F 27°C	85°F 29°C
COOLING CAPACITY - 13ACD-042 with [CB27UH-048]																										
63°F (17°C)	1120	530	40.5	11.9	2.59	.74	.88	1.00	39.0	11.4	2.92	.75	.89	1.00	37.4	11.0	3.30	.77	.92	1.00	35.6	10.4	3.74	.78	.94	1.00
	1400	660	42.5	12.5	2.61	.79	.95	1.00	41.0	12.0	2.94	.81	.97	1.00	39.5	11.6	3.31	.82	.99	1.00	37.4	11.0	3.76	.85	1.00	1.00
67°F (19°C)	1120	530	43.0	12.6	2.62	.59	.72	.84	41.5	12.2	2.94	.60	.73	.86	40.0	11.7	3.32	.60	.74	.88	38.0	11.1	3.76	.61	.76	.90
	1400	660	45.0	13.2	2.64	.62	.77	.92	43.5	12.7	2.97	.63	.78	.94	41.5	12.2	3.34	.64	.80	.96	39.5	11.6	3.77	.65	.82	.98
71°F (22°C)	1120	530	45.5	13.3	2.64	.45	.57	.69	44.0	12.9	2.97	.45	.58	.70	42.0	12.3	3.34	.45	.59	.72	40.0	11.7	3.78	.46	.60	.73
	1400	660	47.5	13.9	2.67	.46	.61	.74	45.5	13.3	2.99	.46	.61	.76	44.0	12.9	3.37	.47	.62	.78	42.0	12.3	3.80	.47	.64	.80
COOLING CAPACITY - 13ACD-048 with [CB27UH-048]																										
63°F (17°C)	1400	660	45.5	13.3	2.71	.76	.90	1.00	43.5	12.7	3.06	.77	.92	1.00	42.0	12.3	3.46	.79	.94	1.00	40.0	11.7	3.92	.81	.97	1.00
	1600	755	46.5	13.6	2.72	.79	.95	1.00	45.0	13.2	3.07	.81	.97	1.00	43.0	12.6	3.46	.82	.98	1.00	41.0	12.0	3.93	.84	1.00	1.00
67°F (19°C)	1400	660	48.0	14.1	2.73	.60	.74	.87	46.5	13.6	3.08	.61	.75	.89	44.5	13.0	3.48	.61	.76	.91	42.5	12.5	3.92	.62	.78	.93
	1600	755	49.5	14.5	2.75	.62	.77	.91	47.5	13.9	3.09	.63	.78	.94	45.5	13.3	3.48	.63	.80	.96	43.5	12.7	3.93	.65	.82	.98
71°F (22°C)	1400	660	50.5	14.8	2.76	.45	.59	.71	49.0	14.4	3.10	.46	.59	.73	47.0	13.8	3.49	.46	.60	.74	45.0	13.2	3.95	.46	.61	.76
	1600	755	52.0	15.2	2.77	.46	.61	.74	50.0	14.7	3.11	.46	.61	.76	48.0	14.1	3.50	.47	.62	.78	46.0	13.5	3.96	.47	.64	.79
COOLING CAPACITY - 13ACD-048 with [CB27UH-060]																										
63°F (17°C)	1260	595	43.0	12.6	2.70	.73	.85	.97	41.5	12.2	3.05	.74	.87	.98	40.0	11.7	3.45	.75	.89	1.00	38.5	11.3	3.92	.77	.91	1.00
	1600	755	45.5	13.3	2.71	.77	.92	1.00	44.0	12.9	3.06	.79	.93	1.00	42.5	12.5	3.46	.80	.95	1.00	40.5	11.9	3.92	.82	.97	1.00
67°F (19°C)	1260	595	45.5	13.3	2.72	.59	.71	.82	44.0	12.9	3.06	.60	.72	.84	42.5	12.5	3.46	.60	.73	.85	40.5	11.9	3.92	.61	.74	.87
	1600	755	48.0	14.1	2.74	.61	.75	.88	46.5	13.6	3.08	.62	.76	.90	44.5	13.0	3.47	.63	.78	.92	42.5	12.5	3.93	.64	.80	.95
71°F (22°C)	1260	595	48.0	14.1	2.73	.45	.58	.69	46.5	13.6	3.08	.45	.58	.69	44.5	13.0	3.48	.46	.59	.71	43.0	12.6	3.93	.46	.60	.72
	1600	755	50.5	14.8	2.76	.46	.60	.73	49.0	14.4	3.10	.47	.61	.74	47.0	13.8	3.49	.47	.62	.76	45.0	13.2	3.95	.48	.63	.77
COOLING CAPACITY - 13ACD-060 with [CB27UH-060]																										
63°F (17°C)	1600	755	57.0	16.7	3.71	.73	.85	.97	55.5	16.3	4.16	.74	.87	.98	53.0	15.5	4.67	.75	.89	1.00	50.5	14.8	5.28	.77	.91	1.00
	1800	850	58.5	17.1	3.73	.75	.88	.99	56.5	16.6	4.17	.76	.90	1.00	54.5	16.0	4.69	.78	.92	1.00	52.0	15.2	5.31	.79	.94	1.00
	2000	945	60.0	17.6	3.75	.77	.91	1.00	58.0	17.0	4.19	.78	.93	1.00	55.5	16.3	4.71	.80	.95	1.00	53.0	15.5	5.33	.82	.97	1.00
67°F (19°C)	1600	755	60.5	17.7	3.75	.59	.71	.82	58.5	17.1	4.20	.60	.72	.84	56.0	16.4	4.71	.60	.73	.85	53.5	15.7	5.32	.61	.75	.88
	1800	850	62.0	18.2	3.77	.60	.73	.85	60.0	17.6	4.22	.61	.74	.87	57.5	16.9	4.74	.62	.75	.89	55.0	16.1	5.35	.63	.77	.91
	2000	945	63.5	18.6	3.79	.61	.75	.88	61.0	17.9	4.24	.62	.76	.90	59.0	17.3	4.75	.63	.78	.92	56.0	16.4	5.37	.64	.79	.94
71°F (22°C)	1600	755	63.5	18.6	3.79	.46	.58	.69	61.5	18.0	4.24	.46	.58	.70	59.0	17.3	4.76	.45	.59	.71	56.5	16.6	5.37	.46	.60	.72
	1800	850	65.0	19.0	3.81	.45	.59	.71	63.0	18.5	4.26	.47	.60	.72	60.5	17.7	4.78	.47	.60	.73	58.0	17.0	5.39	.47	.61	.75
	2000	945	66.0	19.3	3.83	.47	.60	.73	64.0	18.8	4.28	.46	.61	.74	62.0	18.2	4.80	.47	.62	.75	59.0	17.3	5.40	.48	.63	.77



**ARI Standard
210/240 UAC**



**REGISTERED
QUALITY
SYSTEMS**



Visit us at www.lennox.com
For the latest technical information, www.lennoxravenet.com
Contact us at 1-800-4-LENNOX

NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.

©2006 Lennox Industries Inc.